

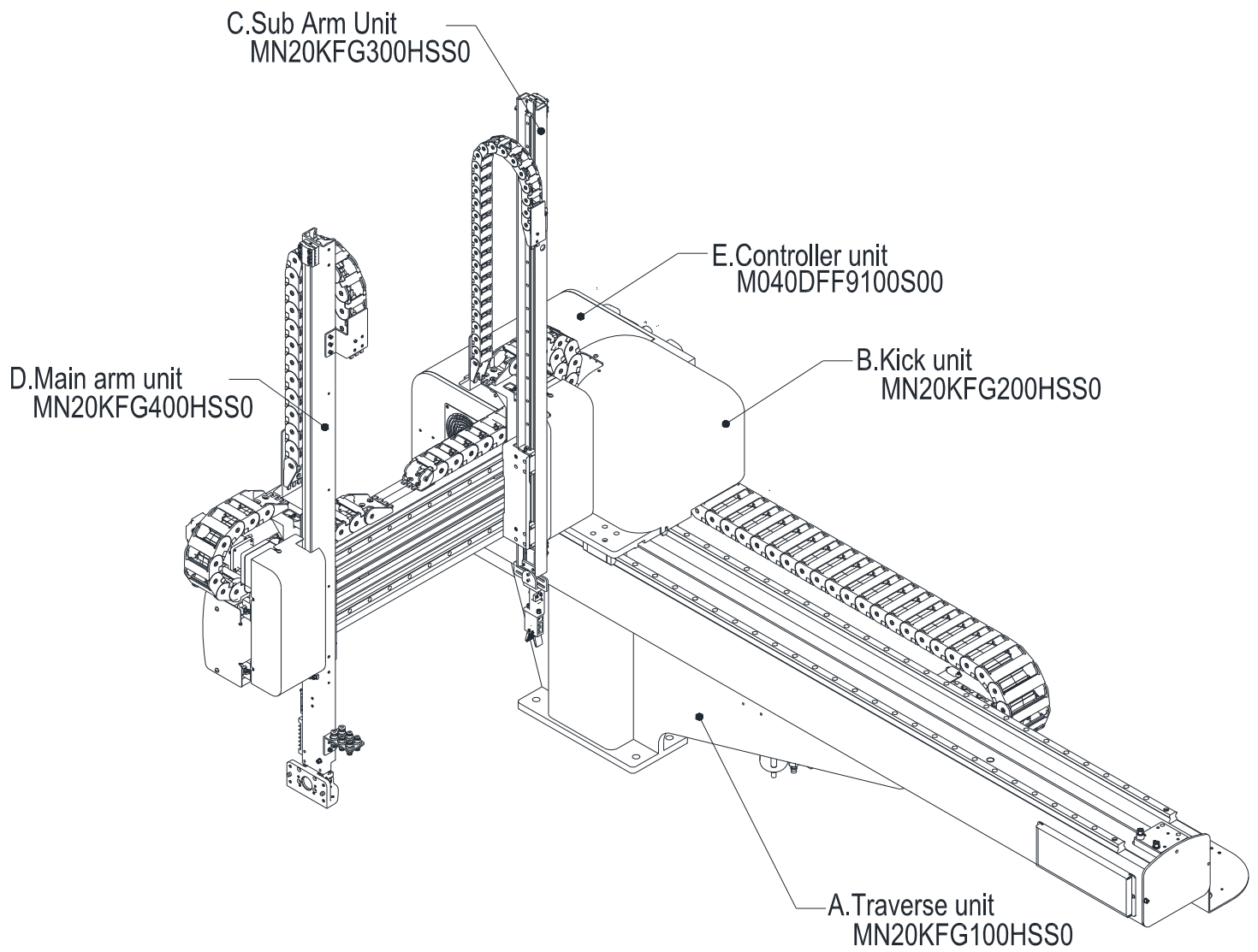
PARTS CATALOG

TAKE-OUT ROBOT

- ZEST-200D (MN20KFG000HSS1)

Ver. 1.1

ZEST-200D **(MN20KFG000HSS1)**



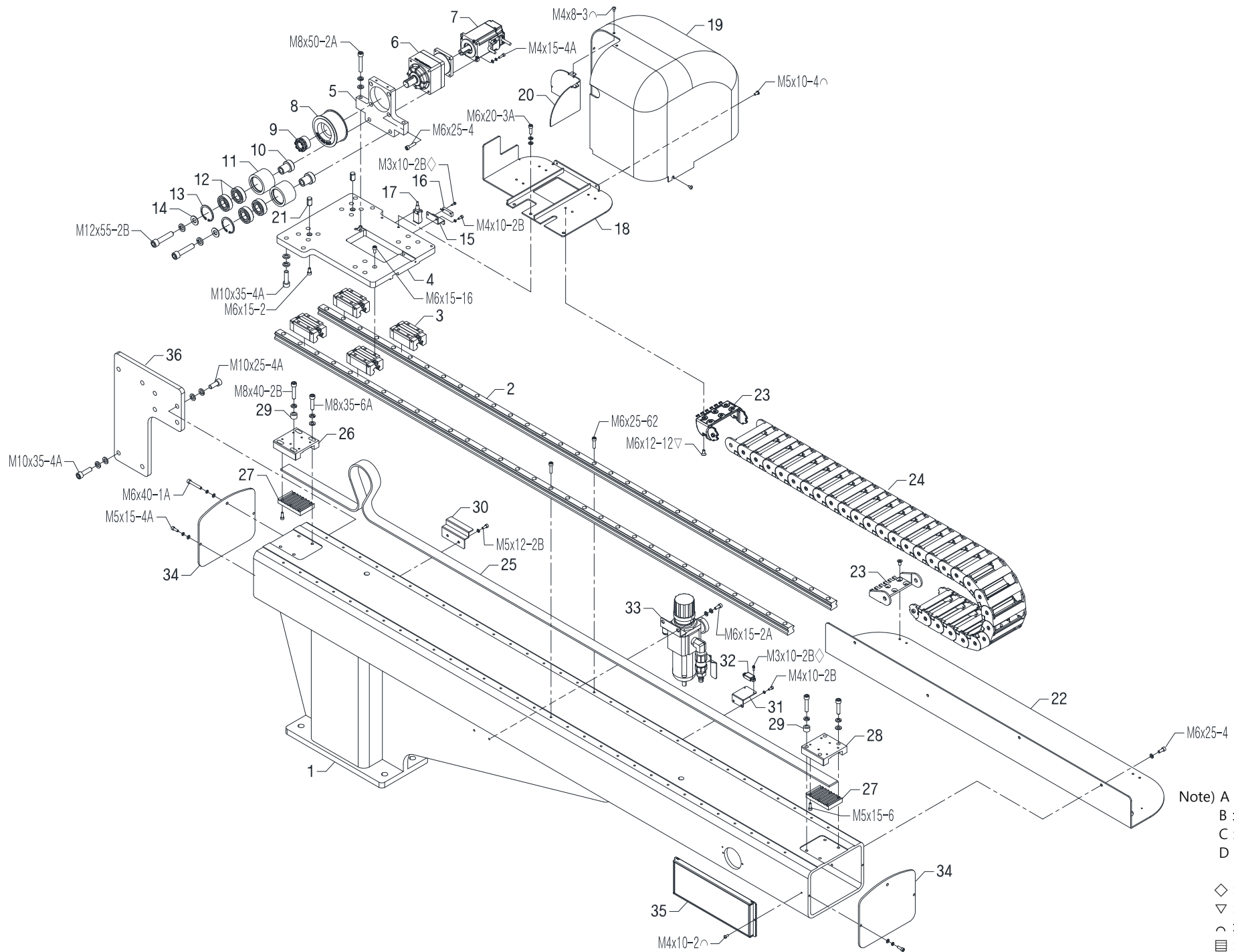
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A. Traverse unit (MN20KFG100HSS0)

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Note) A : 와셔 + 스프링와셔
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 D : 파워와셔 + 와셔 + 스프링와셔
 ◇ : SUS 볼트
 ▽ : 접시머리 볼트
 ˆ : 둥근머리 볼트
 目 : 무두 볼트

A. Traverse unit (MN20BEG100TSD0)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
A-1	MN20KFG1001PW0	Base	1	
A-2	PMLRHGR25R1840	LM block	2	HIWIN HGR25-R1840(20/20)
A-3	PLMBQHH25CA888	LM block	4	HIWIN QHH25CA
A-4	MN20KFG1012ZZ0	LM base	1	
A-5	MN20KFG1004ZZ0	Motor bracket	1	
A-6	PRESSFS9CPB048	Reducer	1	VRSF-S9C-MSMD04
A-7	PMTBMA401N2TN5	Servo motor	1	MA401N2TN05(400W일반) SANKYO
A-8	MN20KFA4012ZZ0	Timing pully	1	
A-9	PPLMMA19338888	Power lock	1	MA19-33
A-10	M040DAA1007ZZ0	Collar	2	
A-11	M015MAB2010MC0	Idle roller	2	
A-12	PBRA6004ZZ8888	Bearing	4	6004ZZ
A-13	PRGH042H888888	Snap ring	2	H42
A-14	M040DAA1008ZZ0	Washer	2	
A-15	M030SBB1017MC0	Bracket	1	
A-16	PSSMRS1SH88888	Magnet sensor	1	RS-1SH
A-17	PSSRHYP18S5NAF	Sensor	1	HYP-18S-5NAF
A-18	MN20KFG1014ZZ0	Lower Plate	1	
A-19	MN20KFG1015MD0	Cover	1	
A-20	MN20KFG2032ZZ0	Box Plate	1	
A-21	PMXPMSTH122088	Pin	2	MSTH12-20
A-22	MN20KFA1003ZZ0	Cableveyor plate	1	
A-23	PCVE4504300088	Cableveyor end bracket	1	HSP0450-4BN-END
A-24	PCVH4504B09588	Cableveyor link	29	HSP0450-4BN-95R-29L
A-25	PBLTA103008888	Timing belt	2290	AT10-30-2290L
A-26	M015MAB1004ZZ0	Gripper block	1	
A-27	M015MAB1002MC0	Gripper	2	
A-28	M015MAB1009ZZ0	Gripper block	1	
A-29	M015MAB1016ZZ0	Block	2	
A-30	M015MAB1007ZZ0	Bracket	1	
A-31	M015MAB1018MC0	Bracket	1	
A-32	PSSMRS52SHC888	Magnet	1	Nippon-Automation RS-52-SH-C형

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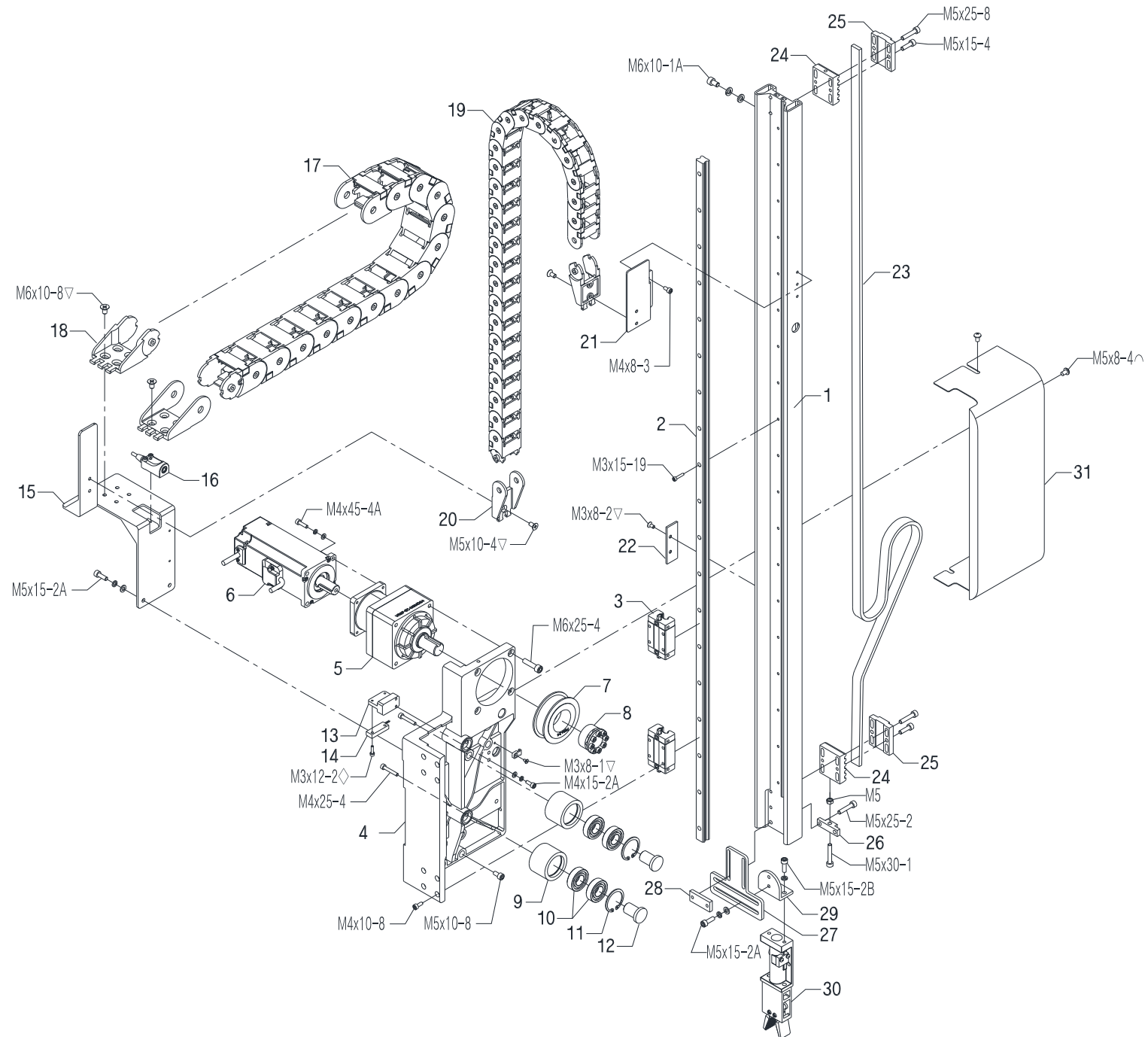
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B. Kick unit (MN20BEG200T000)

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C. Sub_Arm unit (MN20KFG300HSS0)

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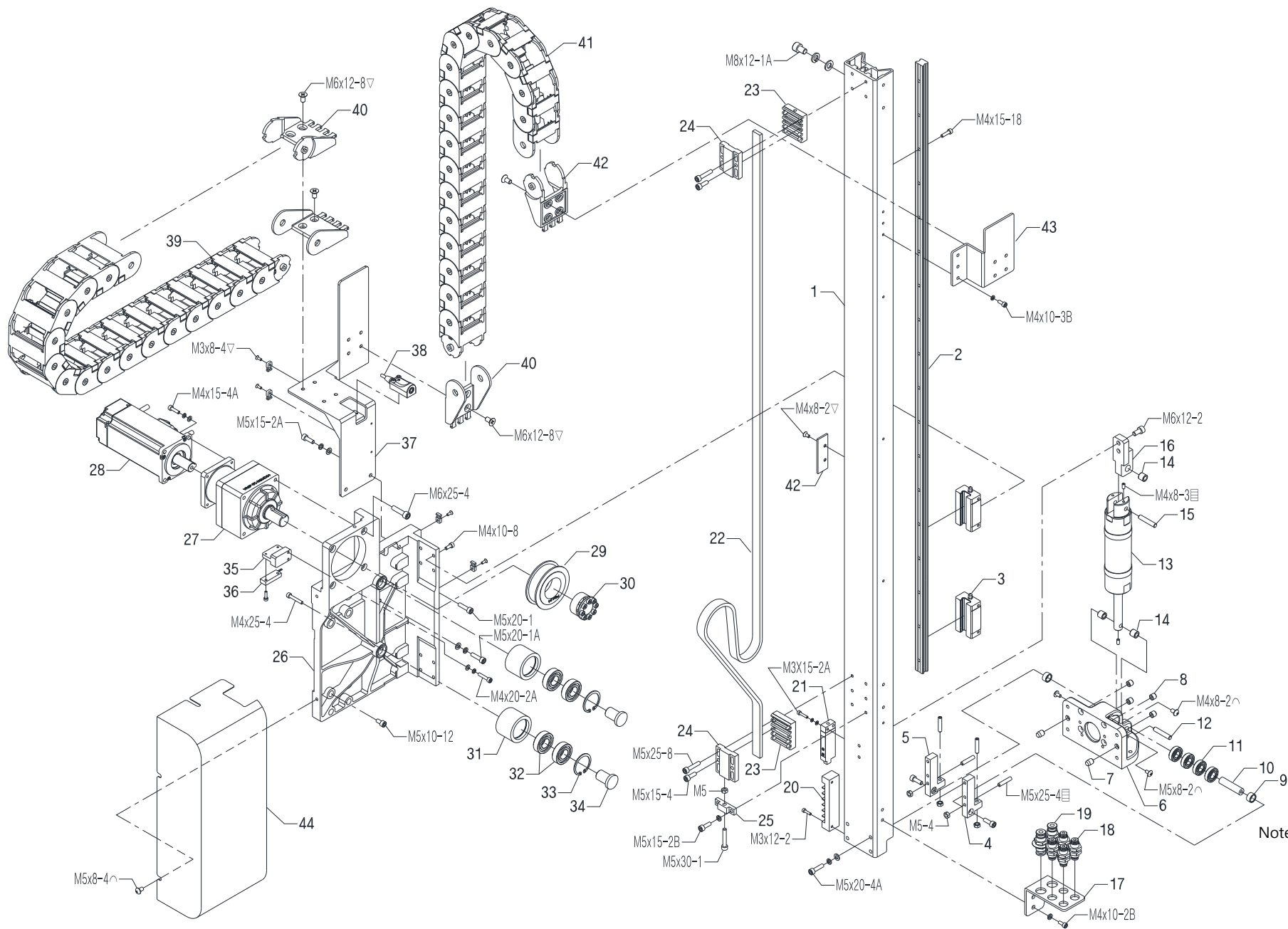


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C. Sub_Arm unit (MN20BEF300T001)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS	No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
C-1	MN20KFG3002MC0	File	1						
C-2	PMLREGR15R1120	LM rail	1	HIWIN EGR15-R1120(10/10)					
C-3	PLMBQEH15CA888	LM block	2	HIWIN QEHI15CA					
C-4	MN20KFG3001ZZ0	LM plate	1						
C-5	PRESSF5CPB0488	Reducer	1	VRSF-5C-MSMD04					
C-6	PMTBMA401A2TN6	Servo motor	1	MA401A2TN06(400W-B) SANKYO					
C-7	MN08KFA4012ZZ0	Timing pully	1						
C-8	PPLMMA19338888	Power lock	1	MA19-33					
C-9	M015MAB3011ZZ0	Roller	2						
C-10	PBRA6002ZZ8888	Bearing	4	6002ZZ					
C-11	PRGH032H888888	Snap ring	2	H32					
C-12	MN20KFG3035ZZ0	Bearing holder	2						
C-13	MN20KFG4041ZZ0	Bracket	1						
C-14	PSSMRS1SH88888	Sensor	1						
C-15	MN20KFG3034ZZ0	Cableveyor fixed bracket	1						
C-16	PSSRHYP18S5NAF	Sensor	1	HYP-18S5NAF					
C-17	PCVH4501B07588	Cableveyor link	15	HSP0450-1BN-75R-15L					
C-18	PCVE4501300088	Cableveyor end bracket	1	HSP0450-1BN-END					
C-19	PCVH3202307588	Cableveyor link	26	HSP0320-2BN-75R-26L					
C-20	PCVE3202300088	Cableveyor end bracket	1	HSP0320-2BN-END					
C-21	MN20KFG3023ZZ0	Cableveyor Bracket	1						
C-22	MN20KFG4039ZZ0	Bracket	1						
C-23	PBLTU8M1588888	Timing belt	1520	UP8M-15-1520L					
C-24	MN20KFG4033MC0	Belt gripper	2						
C-25	MN20KFG4016ZZ0	Gripper block	2						
C-26	MN20KFG4044ZZ0	Tension block	1						
C-27	MN20KFG3009ZZ0	Gripper bracket	1						
C-28	MN20KFG3010ZZ0	Gripper nut	1						
C-29	MS55AT34005ZC0	Gripper bracket	1						
C-30	MS55AT34300000	Gripper assy	1						
C-31	MN20KFG3042ZZ0	Cover	1						

D. Main_Arm unit (MN20KFG400HSS0)



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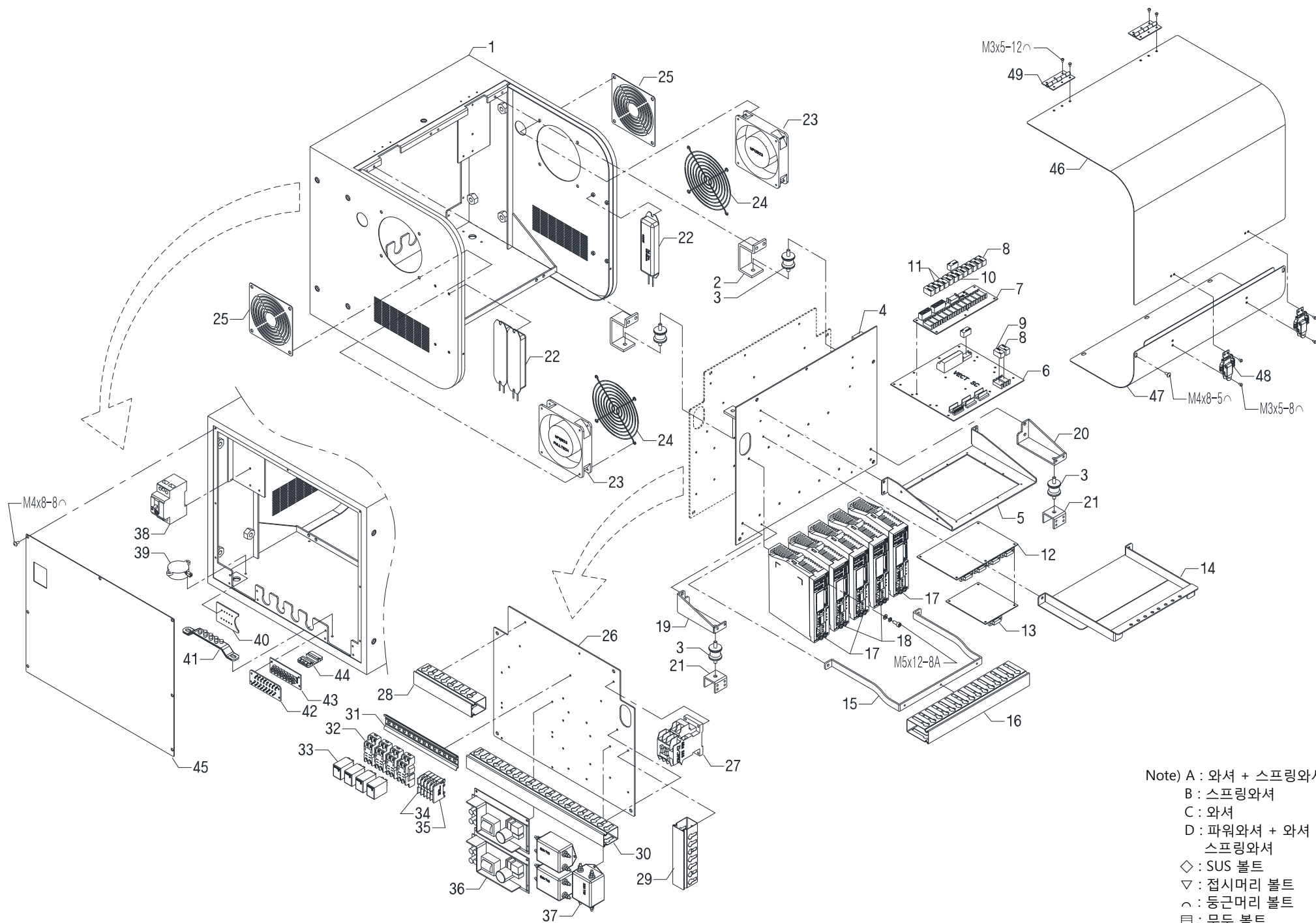
D. Main_Arm unit (MN20BEF400T001)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
D-1	MN20KFG4002MC0	File	1	
D-2	PMLREGR15R1070	LM rail	1	STAR EGR15-R1070(20/30)
D-3	PLMBQEH15CA888	LM block	2	HIWIN QE15CA
D-4	MN20DAA5003ZB0	Plate fix block	1	
D-5	MN20DAA5004ZB0	Plate fix block	1	
D-6	MN20KFG4003MC0	Plate	1	
D-7	M035HAA5012ZZ0	Pin	2	
D-8	MN20KFG4047ZZ0	Pin	4	
D-9	MN20KFG4006ZZ0	Collar	2	
D-10	MN20KFG4007ZZ0	Pin	1	
D-11	PBRA6900ZZ8888	Bearing	4	6900ZZ
D-12	PMXPSFJ6328888	Shaft	1	MISUMI PSFJ6-32-FC6-A13
D-13	PAXA0082320588	Bracket	1	A6061 백색A/D
D-14	PBRNFJ69ZZ8888	Roller bearing	3	FJ-69
D-15	M035HAA5009MC0	Pin	1	
D-16	MN20KFG4043ZZ0	Bracket	1	
D-17	MN20KFG4046ZZ0	Bracket	1	
D-18	PAXFEPC0404088	Fitting	4	NITTAMOORE EPC4
D-19	PAXFPMM0688888	Fitting	2	SANG_A PMM-06
D-20	PTLA07P8888888	Terminal	1	7P단자대
D-21	PAXVPS6102VNAM	Vacuum sensor	1	MPS-V9M-NCA
D-22	PBLTU8M1588888	Timing belt	1440	P8M-15-1440L
D-23	MN20KFG4033MC0	Belt gripper	2	
D-24	MN20KFG4016ZZ0	Gripper block	2	
D-25	MN20KFG4044ZZ0	Tension block	1	
D-26	MN20KFG4001MC0	LM bracket	1	
D-27	PRESSF5CPB0488	Reducer	1	VRSF-5C-MSMD04
D-28	PMTBMA401A2TN6	Servo motor	1	MA401A2TN06(400W-B) SANKYO
D-29	MN08KFA4012ZZ0	Timing pully	1	
D-30	PPLMMA19338888	Power lock	1	MA19-33
D-31	M015MAB3011ZZ0	Roller	2	
D-32	PBRA6002ZZ8888	Bearing	4	6002ZZ

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E. Controller unit (MN20KFG9500S00)

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E. Controller unit (MN20BEF9100S00)

No.	PARTS No.	PARTS NAME	Q'TY	REMARKS	No.	PARTS No.	PARTS NAME	Q'TY	REMARKS
E-1	MN20KFB9002ZZ0	Body	1		E-33	PRLALY2N1DC248	Relay	4	HONEYWELL SZR-LY2-N1-DC24
E-2	M020HFA9004ZZ0	Controller bracket	2		E-34	PTLD0600015288	Terminal	5	S.H-15A(600V)
E-3	PMXK25M6888888	Antivibration gels	4	SILICON 경도특수고무 25-M6-경도40	E-35	PTLD0600015888	Separator	1	TB-15A(600V)
E-4	M020KFS9003ZZ0	Plate	1		E-36	PSMASMPS000188	SMPS	2	한영넥스 HNPS-75S-24-N
E-5	MN20KFA9004ZZ0	Plate	1		E-37	PFTEDITES1T010	Noise filter	3	동일기연 ES1-T10
E-6	PBDDSC888888888	Board	1	VECT_SC_BOARD	E-38	PNSC32KGRC1588	Circuit breaker	1	LS산전 32KGRc(15A)
E-7	PBDDIL888888888	Board	1	VECT_IL_BOARD	E-39	ES55TW4610060E	Buzzer	1	
E-8	PRL1174PFDUS24	Relay	12	G6B-1174P-FD-US-24VDC	E-40	M020HFA9032ZZ0	Cover	1	
E-9	PRL2114PUS2488	Relay	1	G6B-2214P-US-24VDC	E-41	PEXELEBAR14588	Earth Bar	1	8핀(동3*145*20)
E-10	PRL2014PUS2488	Relay	1	G6B-2014P-US-24VDC	E-42	M020HFA9023MC0	Plate	1	
E-11	PRL2214PUS2488	Relay	2	G6B-2214P-US-24VDC	E-43	PBDCLEDVECT888	Board	1	VECT_LED_BOARD
E-12	PBDDMOTION8888	Board	1	VECT_M_BOARD	E-44	E020PFA8040060	Cable	1	
E-13	PBDDVECT1X8888	Board	1	VECT_M_1X	E-45	MN20KFA9012ZZ0	Cover	1	
E-14	MN20KFA9028ZZ1	Plate	1		E-46	MN20KFB9013ZZ0	Cover	1	
E-15	MN20KFA9009ZZ0	Controller bracket	1		E-47	MN20KFB9014ZZ0	Cover	1	
E-16	MN20KFA9026MC0	Duct-30	1		E-48	PMXBY117888888	Hook	2	부영하드웨어 BY1-17
E-17	PMTXDA22411888	Servo drive	3	DA22411(400W) SANKYO	E-49	PMXBYHS1560888	Hinge	2	부영하드웨어 BYHS1560
E-18	PMTXDA21211888	Servo drive	2	DA21211(200W) SANKYO					
E-19	M020KFE9005ZZ0	Controller bracket	1						
E-20	M020KFE9006ZZ0	Controller bracket	1						
E-21	M020HFA9007ZZ0	Controller bracket	2						
E-22	PEXRS017W50K88	Regenerative resistor	3	엠앤씨 오토메이션 17W_50ohm					
E-23	PEXFSJ1238HA28	Fan	2	FULLTECH UF12B23					
E-24	PEXFS105105888	Fan cover	2	SUNTRONIX SJ1238HA2-105X105					
E-25	PEXFSJ12COVER8	Fan cover	2	철판커버(SJ1225HA2용) 동광계전					
E-26	MN20KFG9010ZZ0	Plate	1						
E-27	PNSEGMC1288888	Contactora	1	LS산전 MC-12b					
E-28	MN20KFA9029MC0	Duct-30	1						
E-29	MN20KFA9027MC0	Duct-30	1						
E-30	MN20KFA9025MC0	Duct-30	1						
E-31	M020KFA9020MC0	Terminal chnnel	1						
E-32	PRLKLY28888888	Relay socket	4	KACON KLY2					

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